

TITLE

A CANOLA VARIETY PRODUCING A SEED  
WITH REDUCED GLUCOSINOLATES AND LINOLENIC ACID  
YIELDING AN OIL WITH LOW SULFUR, IMPROVED SENSORY  
CHARACTERISTICS AND INCREASED OXIDATIVE STABILITY

ABSTRACT OF THE INVENTION

A canola line has been stabilized to produce seeds  
having an  $\alpha$ -linolenic acid content of less than that of  
generic canola oil, more preferably less than or equal  
to about 7%  $\alpha$ -linolenic acid relative to total fatty  
acid content of said seed and a total glucosinolate  
content of less than 18  $\mu\text{mol/g}$  of defatted meal, more  
preferably less than or equal to about 15  $\mu\text{mol/g}$  of  
defatted meal. This canola line has reduced sulfur  
content of less than or equal to 3.0 ppm, improved  
sensory characteristics and increased oxidative  
stability.

20

25

30

35 BCS

10034698-122701  
FOI/2221-8694E001